INDEX TO VOLUME LXXVI

Abbe, Lucy B., The histological background for dwarfism in Zea mays, 743
Adams, E. P., Electrical distributions on circular cylinders, II, 125
——— The split cylindrical condenser, I, 251
——— The split cylindrical condenser, II, 269
Adams, Roger, admitted, xvi
Adult life, Growth during (Hrdlička), 847
Albright, William F., The excavation of Bethel, xxxi
Allen, Charles E., and Elizabeth Mackay, The offspring of a triploid sporophyte, 781
America, Early man in (Howard), 327
——— North, western, Marine molluscan provinces of (Schenck and Keen), 921
American Philosophical Society, Abrogation of contract with city of Philadelphia, xxi
American tradition in a new day (Fox), xxvi
——— legal realism (Fuller), 191
Angell, James W., The factors controlling prices, 627
Antioch-on-the-Orontes, Excavation of (Morey), 637
Archæological discovery in the Guatamala highlands (Kidder), xxx
Astrapotheria, extinct monsters of the Patagonian Tertiary (Scott), xv
Astraspis and *Eriptychius*, Study of the oldest known vertebrates (Bryant), 409
Astronomy in the classics (Thompson), xxxi
Atterbury, William Wallace, obituary (Johnson), 246
Australia, Spearthrower in (Davidson), 445
Autumn General Meeting, Proposal of, approved, xxii
Avery, Amos G., Albert F. Blakeslee and A. Dorothy Bergner, A new method of synthesizing pure-breeding types with extrachromosomal material in *Datura*, xviii
Bache collection of Frankliniana, Purchase approved, xxiii
Bache, Franklin, Where is Franklin's first chart of the Gulf Stream, 731
Badger, Richard M., Researches in the photographic infra-red, 776
Baker, Newton Diehl, elected, xxiii
Barrows, W. M., Jr., John R. Murlin, W. R. Murlin, and Pauline Nutter, The comparative metabolism of rats fed on sucrose and glucose respectively, xvii
Barton, L. V., J. L. Cartledge and A. F. Blakeslee, Heat and moisture as factors in the increased mutation rate from *Datura* seeds, 663
Beams, Jesse W., Impulse methods for ion acceleration, xxxiii
——— Experiments on the production of high velocity ions by impulse methods, 771
Beard, Charles Austin, elected, xxiii
de Beauvois, Palisot, as an overlooked American botanist (Merrill), 899
Beck, James M., deceased, xxii
Becker, Carl, elected, xxiii
Benedict, Francis G., and Robert C. Lee, The heart rate of the elephant, 335
——— Lafayette Benedict Mendel obituary, 394
Bergner, A. Dorothy, Albert F. Blakeslee and Amos G. Avery, A new method of synthesizing pure-breeding types with extra-chromosomal material in *Datura*, xviii
Berkey, Charles P., The Geologists' contribution to public safety, xxvii
Berry, Charles T., and W. Gardner Lynn, A new turtle, *Peritresius virginianus*, from the Miocene of Virginia, 175
Bitter, Francis, The design of powerful electromagnets, xxxii
Black, Matthew W., Shakespeare's seventeenth century editors, 707
Blakeslee, Albert F., A. Dorothy Bergner and Amos G. Avery, A new method of synthesizing pure-breeding types with

extra-chromosomal material in *Datura*, xviii
———, J. L. Cartlĕdge and L. V. Barton, Heat and moisture as factors in the increased mutation rate from *Datura* seeds, 663
Bleakney, Walker, Isotope analysis with the mass-spectrograph, 774
Bobrovnikoff, N. T., On the spectrum of Nova Herculis, 497
Bridgman, Percy W., Effects at new high pressures, xxviii
Brown, Ernest W., and W. J. Eckert, The verification of the lunar theory, xxxiii
Brubaker, Albert P., xvi
——— elected Curator, xxiii
Bryant, William L., A study of the oldest known vertebrates, *Astraspis* and *Eriptychius*, 409
Building Fund, xxii

Cartledge, J. L., L. V. Barton, and A. F. Blakeslee, Heat and moisture as factors in the increased mutation rate from *Datura* seeds, 663
Cenezoic cycles in Asia and their bearing on human prehistory (deTerra), xxxi
Centenary of Tocqueville's democracy in America (Chinard), xxv
Centrechinoidea, Study of symmetry in, based on behavior, with special reference to *Lytechinus variegatus* (Macdonald), 87
deChardin, P. Teilhard, and H. deTerra, Observations on the Upper Siwalik formation and later Pleistocene deposits in India, 791
Chemical reactions produced by alpha-particles and electrons (Taylor), xxv
——— concentration of the carbon isotope (Urey), xxxii
——— elements, Further experiments on the mass analysis of (Dempster), 491
Cheyney, Edward P., elected Councillor, xv
——— John Fitch, inventor of the steamboat, and the American Philosophical Society, xxvi
Chinard, Gilbert, xvii
——— The centenary of Tocqueville's democracy in America, xxv
Cleland, Ralph E., Hugo de Vries obituary, 248
Collins, R. Lee, and W. Gardner Lynn, Fossil turtles from Maryland, 151
Color changes in fishes and the autonomic nervous system (Parker), xxx
Committee on Library, xxii
Committee on Nomination, xvi
Committee on Publication, xxii
Committee on Research, Report of (Conklin), 379
——— Reports of progress on projects sponsored by the American Philosophical Society, 743
Commons, John Rogers, elected, xxiii
Comparative metabolism of rats fed on sucrose and glucose respectively (J. R. Murlin, W. R. Murlin, Barrows, and Nutter), xvii
Condenser, Split cylindrical, I (Adams), 251
——— Split cylindrical, II (Adams), 269
Conklin, Edwin G., xvii, xxii, xxix
——— appointed Executive Officer, xxii
——— elected Vice-president, xxiii
——— Report of the Committee on Research, 379
Corwin, Edward Samuel, elected, xxiii, admitted, xxv
——— The deterioriation of national sovereignty, xxv
Cosmic ray observation on the 1935 National Geographic U. S. Army Air Corps stratosphere flight (Swann), xxviii
——— terrestrial relations (Stetson), 759
Council, Proceedings submitted, xxii
Court, Supreme, of the United States, First homes of (Reeder), 543
Cylinders, circular, Electrical distributions on, II (Adams), 125

Daphnia, the living reagent (Viehoever), xv
Dana, Edward Salisbury, obituary (Ford), 237
Darrow, Karl Kelchner, elected, xxiii
Datura seeds, Heat and moisture as factors in the increased mutation rate from (Cartledge, Barton and Blakeslee), 663
Davidson, D. S., The spearthrower in Australia, 445
Debye, Peter, elected, xxiv
Dedifferentiation and redifferentiation of the fibrillar neuromotor system of

ciliates during asexual and sexual reproduction (Kofoid), xvii
Dempster, Arthur J., Report on the mass analysis of the chemical elements, xxxii
——— Further experiments on the mass analysis of the chemical elements, 491
Derleth, Charles, Jr., elected, xxiv
Design of powerful electromagnets (Bitter), xxxii
Deterioration of national sovereignty (Corwin), xxv
Diffraction patterns, electron, Intensity distribution in (Lark-Horovitz, Yearian and Howe), 766
Dinsmoor, William Bell, Results of a search for lost Greek sculptures, xxxi
Dodd, William Edward, elected, xxiv
Donaldson, Henry H., xxii, xxiv, xxxi
——— elected Vice-president, xxiii

Eckert, W. J., and Ernest W. Brown, The verification of the lunar theory, xxxiii
Edgerton, Franklin, admitted, xxiv
——— Indirect suggestion in poetry: a Hindu theory of literary æsthetics, 687
Effect of hemorrhage and peptone injections on platelet production in the lungs (Howell), xxx
Effects at new high pressures (Bridgman), xxviii
Electrical distributions on circular cylinders, II (Adams), 125
Electron diffraction patterns, Intensity distribution in (Lark-Horovitz, Yearian and Howe), 766
Elephant, Heart rate of (Benedict and Lee), 335
Eocene, Lower, of Wyoming, A tæniodont skull from (Gazin), 597
Emeneau, Murray B., Report on linguistic and cultural studies among the Todas and other Dravidian peoples, 1935–36, xxxi
Eriptychius, *Astraspis* and, Study of the oldest known vertebrates (Bryant), 409
Erlanger, Joseph, elected Councillor, xxiii
Evans, Robley D., Quantitative studies of radium poisoning, xxx
Evaporation and rainfall studies in the northwest Minnesota lake region (Jensen), 747
Evolution of the elasmotheres (Wood), xxx
Excavation of Bethel (Albright), xxxi
Explorations in Northern Mexico for mollusks in 1934–35 (Pilsbry), xxix
Extra-chromosomal influence on the incidence of tumors in mice (Little), xxix
Eyring, Henry, The theory of some chemical reactions, xxxii

Factors which modify the permeability of the red blood-cell (Jacobs), xvi
Farrand, Max, xxix
——— elected Councillor, xxiii
Fernald, Merritt Lyndon, elected, xxiv, admitted, xxvi
——— Living plants as indicators of geological history, xviii
Fetter, Frank Albert, admitted, xxx
Fewkes, Vladimir J., Neolithic sites on the Yugoslav bank of the Lower Danube, xxvi
Foote, Paul D., admitted, xvi
Forbes, George, deceased, xxxii
Ford, William E., Edward Salisbury Dana obituary, 237
Fossil turtles from Maryland (Collins and Lynn), 151
——— and recent mammals, Habitus factors in the skeleton of (Gregory), 429
Four researches bearing on the metagalactic problem (Shapley), xxviii
Fox, Dixon Ryan, admitted, xxvi
——— The American tradition in a new day, xxvi
Franklin's first chart of the Gulf Stream, (Bache), 731
Frankliniana, Bache collection, Purchase approved, xxiii
Frazier, Charles H., deceased, xxxii
Frost, Edwin Brant, obituary (Schlesinger), 241
Fuller, L. L., American legal realism, 191

Gaposchkin, Cecilia Payne, elected, xxiv
Gazin, C. Lewis, A tæniodont skull from the Lower Eocene of Wyoming, 597
Geologists' contribution to public safety (Berkey), xxvii
Glazebrook, Richard T., deceased, xv
Gregory, William King, Henry Fairfield Osborn obituary, 395
——— Habitus factors in the skeleton of fossil and recent mammals, 429
Growth during adult life (Hrdlička), 847

Gulf Stream, Where is Franklin's first chart of (Bache), 731

Hammond, Datus M., and Charles A. Kofoid, Dedifferentiation and redifferentiation of the fibrillar neuromotor system of ciliates during asexual and sexual reproduction, xvii
Heart rate of the elephant (Benedict and Lee), 335
Henderson, Yandell, admitted, xvi
——— Resuscitation with carbon dioxide, xvi
Hindu theory of literary æsthetics, Indirect suggestion in poetry (Edgerton), 687
Histological background for dwarfism in Zea mays (Abbe), 743
Howard, Edgar B., Early man in America, 327
Howe, J. D., K. Lark-Horovitz and H. J. Yearian, Intensity distribution in electron diffraction patterns, 766
Howell, William H., Effect of hemorrhage and peptone injections on platelet production in the lungs, xxx
Hrdlička, Aleš, Growth during adult life, 847
Hu Shih, elected, xxiv
Huffer, C. M., Joel Stebbins and A. E. Whitford, The star clouds of the Milky Way, xxviii
Humphreys, W. J., Ball lightning, 613

Impulse methods for ion acceleration (Beams), xxxiii
——— methods, Production of high velocity ions by (Beams), 771
Independence Square, Plans for clearing area in front of, and eastward from, xxxi
India, Observations on the Upper Siwalik formation and later Pleistocene deposits in (deTerra and deChardin), 791
Infra-red, Photographic (Badger), 776
Inheritance of a sharply localized paralysis in the dog resembling certain paralyses of man (Stockard), xvi
Intensity distribution in electron diffraction patterns (Lark-Horovitz, Yearian and Howe), 766
Ions, high velocity, Experiments on the production of, by impulse methods (Beams), 771
Isotope analysis with the mass-spectrograph (Bleakney), 774

Jacobs, Merkel H., Some factors which modify the permeability of the red blood-cell, xvi
Jefferson, Thomas, Garden book of (True), 939
Jenks, John Story, elected, xxiv, admitted, xxx
Jensen, J. C., Evaporation and rainfall studies in the northwest Minnesota lake region, 747
John Fitch, inventor of the steamboat, and the American Philosophical Society (Cheyney), xxvi
Johnson, Douglas, New light on the supposed meteorite scars of the Carolina coast, xxvii
Johnson, Emory R., William Wallace Atterbury obituary, 246
Jones, Donald F., Somatic segregation in relation to atypical growth, xxix

Karpinsky, Alexandre Petrovitch, deceased, xxxii
Keen, A. Myra, and Hubert G. Schenck, Marine molluscan provinces of western North America, 921
Kennelly, A. E., Magnetic formulæ expressed in the M.K.S. system of units, 343
Kidder, Alfred Vincent, admitted, xxx
——— An archæological discovery in the Guatamala highlands, xxx
Kofoid, Charles A., and Datus M. Hammond, Dedifferentiation and redifferentiation of the fibrillar neuromotor system of ciliates during asexual and sexual reproduction, xvii

Lamb, Arthur Becket, elected, xxiv
Land mollusks from Cozumel Island, Mexico, and their bearing on the paleogeography of the region (Richards), xxix
Lane, Alfred C., Radioactive measurement of time and difficulties, xxxiii
Lark-Horovitz, K., H. J. Yearian and J. D. Howe, Intensity distribution in electron diffraction patterns, 766
Laws, Proposed revision approved, xxiv
Lee, Robert C., and Francis G. Benedict, The heart rate of the elephant, 335

Legal realism, American (Fuller), 191
Lightning, Ball (Humphreys), 613
Lingelbach, William E., elected Secretary, xxiii
Linguistic and cultural studies among the Todas and other Dravidian peoples, 1935–36 (Emeneau), xxxi
Little, Clarence C., Extra-chromosomal influence on the incidence of tumors in mice, xxix
Living plants as indicators of geological history (Fernald), xviii
Lynn, W. Gardner, and R. Lee Collins, Fossil turtles from Maryland, 151
——— and Charles T. Berry, A new turtle, *Peritresius virginianus*, from the Miocene of Virginia, 175
Lytechinus variegatus, Study of symmetry in the Centrechinoidea, based on behavior, with special reference to (Macdonald), 87

M.K.S. system of units, Magnetic formulæ expressed in (Kennelly), 343
McClenahan, Howard, deceased, xv
McCormick stellar magnitudes (Mitchell), xxviii
McCrae, Thomas, obituary (Stengel), 245
MacCurdy, George Grant, Prehistoric man in Palestine, 523
Macdonald, Roderick, A study of symmetry in the Centrechinoidea, based on behavior, with special reference to *Lytechinus variegatus;* including a short discussion of linguistic difficulties in describing biological phenomena, 87
MacDougal, D. T., The communication of the pneumatic systems of trees with the atmosphere, 823
Mackay, Elizabeth, and Charles E. Allen, The offspring of a triploid sporophyte, 781
Magnetic formulæ expressed in the M.K.S. system of units (Kennelly), 343
Mammals, fossil and recent, Habitus factors in the skeleton of (Gregory), 429
Man, Early, in America (Howard), 327
——— Prehistoric, in Palestine (MacCurdy), 523
Marine molluscan provinces of western North America (Schenck and Keen), 921
Maryland, Fossil turtles from (Collins and Lynn), 151
Masaryk, Thomas Garrigue, elected, xxiv
Mass analysis of the chemical elements, Further experiments on (Dempster), xxxii, 491
——— spectrograph, see spectrograph
Members admitted:
Adams, Roger, xvi
Corwin, Edward Samuel, xxv
Edgerton, Franklin, xxiv
Fernald, Merritt L., xxvi
Fetter, Frank Albert, xxx
Foote, Paul D., xvi
Fox, Dixon Ryan, xxvi
Henderson, Yandell, xvi
Jenks, John Story, xxx
Kidder, Alfred Vincent, xxx
Morris, Lawrence J., xxvi
Noble, G. Kingsley, xxx
Richtmyer, Floyd K., xvi
Robinson, David Moore, xxx
Simpson, George Gaylord, xxx
Yerkes, Robert Mearns, xxix
Members deceased:
Beck, James M., xxii
Forbes, George, xxxii
Frazier, Charles H., xxxii
Glazebrook, Richard T., xv
Karpinsky, Alexandre Petrovitch, xxxii
McClenahan, Howard, xv
Mendel, Lafayette B., xv
Meyer, Eduard, xxxii
Noyes, Arthur A., xxxii
Pavlov, Ivan, xxii
Ransome, Frederick Leslie, xv
Rice, Edwin Wilbur, xv
Rosengarten, George D., xvi
Sergi, Giuseppe, xxxii
Warfield, Ethelbert D., xxxii
Members elected:
Baker, Newton Diehl, xxiii
Beard, Charles Austin, xxiii
Becker, Carl, xxiii
Commons, John Rogers, xxiii
Corwin, Edward Samuel, xxiii
Darrow, Karl Kelchner, xxiii
Derleth, Charles, Jr., xxiv
Dodd, William Edward, xxiv
Fernald, Merritt Lyndon, xxiv
Gaposchkin, Cecilia Payne, xxiv
Jenks, John Story, xxiv
Lamb, Arthur Becket, xxiv
Morris, Lawrence J., xxiv
Morse, Marston, xxiv

Nitze, William Albert, xxiv
Pauling, Linus Carl, xxiv
Robinson, David Moore, xxiv
Schultz, Adolph H., xxiv
Shotwell, James Thomson, xxiv
Simpson, George Gaylord, xxiv
Sturtevant, Alfred Henry, xxiv
Wigmore, John Henry, xxiv
Wilson, George Grafton, xxiv
Woodworth, Robert Sessions, xxiv
Yerkes, Robert Mearns, xxiv
Members (foreign) elected:
Debye, Peter, xxiv
Hu Shih, xxiv
Masaryk, Thomas Garrigue, xxiv
Mendel, Lafayette B., deceased, xv
——— obituary (Benedict), 394
Mendenhall, Charles Elwood, obituary (Swann), 391
Merrill, E. D., Palisot de Beauvois as an overlooked American botanist, 899
Meteor trains (Olivier), 772
Meyer, Eduard, deceased, xxxii
Miller, John A., elected Secretary, xxiii
Millikan, Robert A., xxviii
——— elected Vice-president, xxiii
Millionth map of Hispanic-America (Platt), xxvii
Minnesota lake region, Evaporation and rainfall studies in the northwest (Jensen), 747
Miocene of Virginia, New turtle, *Peritresius virginianus*, from (Berry and Lynn), 175
Mitchell, Samuel A., McCormick stellar magnitudes, xxviii
Molecular rotation in solids (Smyth), 485
Molluscan provinces, Marine, of western North America (Schenck and Keen), 921
Moon, Virgil H., The mechanism and pathology of shock, 653
Morey, Charles R., The excavation of Antioch-on-the-Orontes, 637
Morgan, Marshall S., elected Councillor, xxiii
Morris, Lawrence J., elected, xxiv, admitted, xxvi
Morris, Roland S., xv, xvi, xviii, xx, xxii, xxv, xxx, xxxi, xxxii
——— elected President, xxiii
Morse, Marston, elected, xxiv
Müller, John H., Ionic silver from silver hydroxide as a therapeutic agent, 303
Murlin, John R., W. R. Murlin, W. M. Barrows, Jr., and Pauline Nutter, The comparative metabolism of rats fed on sucrose and glucose respectively, xvii
Murlin, W. R., John R. Murlin, W. M. Barrows, Jr., and Pauline Nutter, The comparative metabolism of rats fed on sucrose and glucose respectively, xvii
Mutation rate, increased, from *Datura* seeds, Heat and moisture as factors in (Cartledge, Barton and Blakeslee), 663

Nature of cosmic rays (Swann), xxxiii
Neolithic sites on the Yugoslav bank of the Lower Danube (Fewkes), xxvi
New method of synthesizing pure-breeding types with extra-chromosomal material in *Datura* (Blakeslee, Bergner and Avery), xviii
——— light on the supposed meteorite scars of the Carolina coast (Johnson), xxvii
Nitze, William Albert, elected, xxiv
Noble, G. Kingsley, admitted, xxx
——— The structure and function of the facial and the labial pits of snakes, xxx
Nova Herculis, Spectrum of (Bobrovnikoff), 497
Noyes, Arthur A., deceased, xxxii
Nutter, Pauline, John R. Murlin, W. R. Murlin, and W. M. Barrows, The comparative metabolism of rats fed on sucrose and glucose respectively, xvii

Obituaries:
Atterbury, William Wallace (Johnson), 246
Dana, Edward Salisbury (Ford), 237
Frost, Edwin Brant (Schlesinger), 241
McCrae, Thomas (Stengel), 245
Mendel, Lafayette Benedict (Benedict), 394
Mendenhall, Charles Elwood (Swann), 391
Osborn, Henry Fairfield (Gregory), 395
de Vries, Hugo (Cleland), 248
Observations on Mark Twain (Phelps), xxv
Officers elected, xxiii
Ogden, Johanna, and Henry A. Sanders, The text of Acts in MS 146 of the Michigan collection, xxvi
Olivier, Charles P., Research on meteor trains, 772

Orang-utan, Thoracic and abdominal viscera of primates, with special reference to (Straus), 1
Osborn, Henry Fairfield, obituary (Gregory), 395

Palestine, Prehistoric man in (MacCurdy), 523
Parker, George H., elected Councillor, xxiii
——— Color changes in fishes and the autonomic nervous system, xxx
Pathology of shock, Mechanism and (Moon), 653
Paul, Henry N., Shakespeare in Philadelphia, 719
Pauling, Linus Carl, elected, xxiv
Pavlov, Ivan, deceased, xxii
Penrose, R. A. F., Jr., Memorial Lecture (Fox), xxvi
Peritresius virginianus, New turtle, from the Miocene of Virginia (Berry and Lynn), 175
Phelps, William Lyon, Some observations on Mark Twain, xxv
Philadelphia, Abrogation of contract with city of, xxi
Photographic infra-red (Badger), 776
Pilsbry, Henry A., Explorations in Northern Mexico for mollusks in 1934–35, xxix
Platt, Raye R., The millionth map of Hispanic-America, xxvii
Pleistocene deposits in India, later, Observations on Upper Siwalik formation and (deTerra and deChardin), 791
Pneumatic systems of trees, Communication of, with the atmosphere (MacDougal), 823
Poetry, Indirect suggestion in: a Hindu theory of literary æsthetics (Edgerton), 687
Prehistoric man in Palestine (MacCurdy), 523
Prices, Factors controlling (Angell), 627
Primates, Thoracic and abdominal viscera of, with special reference to the orang-utan (Straus), 1

Quantitative studies of radium poisoning (Evans), xxx

Radioactive measurement of time and difficulties (Lane), xxxiii
Rainfall, Evaporation and, studies in the northwest Minnesota lake region (Jensen), 747
Ransome, Frederick Leslie, deceased, xv
Read, Conyers, The Union Catalogue of the Philadelphia Metropolitan Area, xxxi
Recent mammals, Habitus factors in the skeleton of fossil and (Gregory), 429
Reeder, Robert P., The first homes of the Supreme Court of the United States, 543
Remarkable case of a White River cat wounded in life (Scott), xxvii
Research, see Committee on Research
Resolutions on:
Philadelphia, Abrogation of contract with city of, xxi
Wood, Walter, Estate, xix
Results of the excavations at Olynthus (Robinson), xxxi
——— of a search for lost Greek sculptures (Dinsmoor), xxxi
Resuscitation with carbon dioxide (Henderson), xvi
Rhinoceroses of the White River Oligocene (Scott), xxx
Rice, Edwin Wilbur, deceased, xv
Richards, Horace G., Land mollusks from Cozumel Island, Mexico, and their bearing on the paleogeography of the region, xxix
Richtmyer, Floyd K., admitted, xvi
Robinson, David Moore, elected, xxiv, admitted, xxx
——— Some results of the excavations at Olynthus, xxxi
Rosengarten, George D., deceased, xvi
Rotation, Molecular, in solids (Smyth), 485

Sanders, Henry A., and Johanna Ogden, The text of Acts in MS 146 of the Michigan collection, xxvi
Schenck, Hubert G., and A. Myra Keen, Marine molluscan provinces of western North America, 921
Schlesinger, Frank, Edwin Brant Frost obituary, 241
Schultz, Adolph H., elected, xxiv
Scott, William B., xxvi
——— The astrapotheria, extinct monsters of the Patagonian Tertiary, xv

Scott, William B., A remarkable case of a White River cat wounded in life, xxvii
——— The rhinoceroses of the White River Oligocene, xxx
Sergi, Giuseppe, deceased, xxxii
Shakespeare, William, Celebration of birthday, xvii
——— Seventeenth century editors of (Black), 707
——— in Philadelphia (Paul), 719
Shapley, Harlow, Four researches bearing on the metagalactic problem, xxviii
Shock, Mechanism and pathology of (Moon), 653
Shotwell, James Thomson, elected, xxiv
Silver, Ionic, from silver hydroxide as a therapeutic agent (Müller), 303
Simpson, George Gaylord, elected, xxiv, admitted, xxx
Sioussat, St. George L., xxii
Siwalik, Upper, formation and later Pleistocene deposits in India (deTerra and deChardin), 791
Smyth, Charles P., Molecular rotation in solids, 485
Somatic segregation in relation to atypical growth (Jones), xxix
Spearthrower in Australia (Davidson), 445
Spectrograph, mass, Isotope analysis with (Bleakney), 774
Spectrum of Nova Herculis (Bobrovnikoff), 497
Sporophyte, triploid, Offspring of (Allen and Mackay), 781
Star clouds of the Milky Way (Stebbins, Huffer and Whitford), xxviii
Stebbins, Joel, C. M. Huffer and A. E. Whitford, The star clouds of the Milky Way, xxviii
Stengel, Alfred, Thomas McCrae obituary, 245
Stetson, Harlan T., Second report of progress on research in cosmic-terrestrial relations, 759
Stockard, Charles R., Inheritance of a sharply localized paralysis in the dog resembling certain paralyses of man, xvi
Straus, William L., Jr., The thoracic and abdominal viscera of primates, with special reference to the orang-utan, 1
Structure and function of the facial and the labial pits of snakes (Noble), xxx
Studies of morphological variations in the intestinal amoebae of man with special reference to the nucleus (Wenrich), xxix
Sturtevant, Alfred Henry, elected, xxiv
Supreme Court of the United States, First homes of (Reeder), 543
Swann, W. F. G., Cosmic ray observation on the 1935 National Geographic U. S. Army Air Corps stratosphere flight, xxviii
——— The nature of cosmic rays, xxxiii
——— Charles Elwood Mendenhall obituary, 391

Tæniodont skull from the Lower Eocene of Wyoming (Gazin), 597
Taylor, Hugh S., Chemical reactions produced by alpha-particles and electrons, xxv
deTerra, Hellmut, Cenozoic cycles in Asia and their bearing on human prehistory, xxxi
——— and P. Teilhard deChardin, Observations on the Upper Siwalik formation and later Pleistocene deposits in India, 791
Text of Acts in MS 146 of the Michigan collection (Sanders and Ogden), xxvi
Theory of some chemical reactions (Eyring), xxxii
Therapeutic agent, Ionic silver from silver hydroxide as (Müller), 303
Thompson, D'Arcy W., Astronomy in the classics, xxxi
Trees, Communication of pneumatic systems of, with the atmosphere (MacDougal), 823
Triploid sporophyte, Offspring of (Allen and Mackay), 781
True, Rodney H., Thomas Jefferson's garden book, 939
Turtle, *Peritresius virginianus*, from the Miocene of Virginia (Berry and Lynn), 175
Turtles, Fossil, from Maryland (Collins and Lynn), 151

Union Catalogue of the Philadelphia Metropolitan Area (Read), xxxi
Urey, Harold C., The chemical concentration of the carbon isotope, xxxii

Verification of the lunar theory (Brown and Eckert), xxxiii

Vertebrates, *Astraspis* and *Eriptychius*, Study of the oldest known (Bryant), 409
Viehoever, Arno, Daphnia, the living reagent, xv
Virginia, New turtle, *Peritresius virginianus*, from the Miocene of (Berry and Lynn), 175
deVries, Hugo, obituary (Cleland), 248

Warfield, Ethelbert D., deceased, xxxii
Wenrich, David H., Studies of morphological variations in the intestinal amœbæ of man with special reference to the nucleus, xxix
Whitford, A. E., Joel Stebbins and C. M. Huffer, The star clouds of the Milky Way, xxviii
Wigmore, John Henry, elected, xxiv
Wilson, George Grafton, elected, xxiv
Wood, Horace Elmer, Evolution of the elasmotheres, xxx
Wood, Walter, Estate, xix
Woodworth, Robert Sessions, elected, xxiv
Wyoming, A tæniodont skull from the Lower Eocene of (Gazin), 597

Yearian, H. J., K. Lark-Horovitz and J. D. Howe, Intensity distribution in electron diffraction patterns, 766
Yerkes, Robert Mearns, elected, xxiv, admitted, xxix

Zea mays, Histological background for dwarfism in (Abbe), 743